ATTACHMENT 13

LANDFILL 5 MAINTENANCE PLAN

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Maintenance of Landfill 5 is expected to be limited to repair of the final cover, the security fence, the monitoring well heads, and the surveyed benchmarks. Damage to these items will be identified during the monthly inspections. Repairs will be accomplished as required to maintain the integrity of the final cover and groundwater monitoring system and the security of Landfill 5. Because all wastes were buried below the existing grade, leachate seeps at the landfill perimeter are not expected.

1.0   Procedures

Repairs to the final cover will be accomplished by first removing material from the damaged section of the cover. Next, cover material will be deposited over the damaged section in uncompacted 6-inch lifts. Each lift will be compacted to the compaction density specified for the initial installation of the final cover. Succeeding lifts of cover material will be added to the damaged section until the elevation of the original final cover is reached. Material with characteristics similar to the existing final cover will be added as necessary.

Repairs to the security fence and monitoring well heads will be made by following the procedure used in the initial installation. Benchmarks that have been damaged will be replaced, and the new location and elevation will be surveyed.

2.0   Equipment

Equipment required to complete maintenance of Landfill 5 will be obtained from the maintenance facility at the UTTR. The equipment available for use at the site will include the following:

- shovels, rakes, hand augers, etc.
- bulldozer
- front-end loader

3.0   Materials

Native soils from the UTTR facility will be used to supply additional cover material if the characteristics of the native soil are similar to that of the original cover material. If a satisfactory source of native soil cannot be obtained, then cover material will be imported from an off site location.

All other maintenance of the site will be performed with material supplied by off-site sources. These items include fence sections, posts, and benchmarks.